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[Univ. Quebec, Trois-Rivieres, Quebec, Canada] Flora, avifauna and soil of an island created in 1965.

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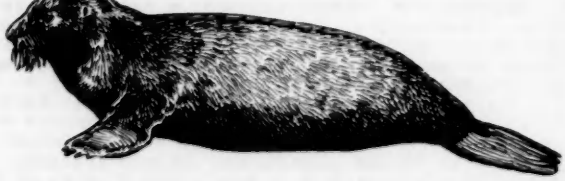

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[Univ. Minn., Minneapolis 55455] Birds and mammals are important seed dispersers and their diversification in the Cretaceous may have created niches for many plant specialists on scattered resources.--From abstr. Review Paper.

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77-002317 Hay, Alastair W. M.; Watson, Graham VITAMIN D(2) IN VERTEBRATE EVOLUTION. Comp. Biochem. Physiol. B Comp. Physiol. 56 (4): 375-380. WR 166
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[Univ. Coll. Med. Cent., Denver 80220] /Design details for a selector which will automatically step up through up to 8 antennae.

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[N.C. State Univ., Raleigh 27607] Abstract: A miniaturized optical telemetry transmitter for small animals was designed, constructed, and field-tested on free-ranging nocturnal crabs. The device produces accurately timed flashes that can be used for individual tagging, tracking, and telemetry. When observed with a night vision scope, the flashes are visible for several hundred meters. Transmitters are inexpensive, relative simple, and rugged. Weight is less than 1 g, and working life is about 4 weeks with 4 g of hearing aid batteries.

WILDLIFE--BIOMETRICS

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[Utah State Univ., Logan 84322] /Sus scrofa/, /Ursus americanus/, /Odocoileus virginianus/, /Sciurus carolinensis/, /Tamias striatus/, /Tamiasciurus hudsonicus/, /Procyon lotor/, /Peromyscus/ spp., /Napaeozapus insignis/ and /Meleagris gallopavo/.

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[RD-1, Box 44, Centre Hall, Pa. 16828] Annotated list.

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77-002361 Asibey, Emmanuel O. A. EXPECTED EFFECTS OF LAND-USE PATTERNS ON FUTURE SUPPLIES OF BUSHMEAT IN AFRICA SOUTH OF THE SAHARA. Environ. Conserv. 4 (1): 43-48. 1977. WR 166
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[Univ. Waterloo, Waterloo, Ontario N2L 3G1, Canada]

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[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, ACT 2602, Australia] /Varanus varius/ and /Notechis scutatus scutatus/ as predators.

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[W. Va. Univ., Morgantown]

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77-002458 Tkachev, A. V. ROLE OF NEUROENDOCRINE FACTORS IN SELF-REGULATION OF POPULATION SIZE. Sov. J. Ecol. (Engl. Transl. Ekologiya) 7 (2): 115-120. Mar.-Apr. 1976. Translation from Ekologiya no. 2:30-36. Mar.-Apr. 1976. WR 166
[Inst. Biol. Problems of the North, Far Eastern Sci. Cent., Acad. Sci. USSR] Abstract: The role of neuroendocrine factors in the regulation of population size of small mammals is examined. It is postulated that the neuroendocrine status of the previous generation determines the endocrine constitution of the succeeding generation and, accordingly, its viability and generative potential. In connection with this, fluctuations in population size are considered as a consequence of hormone disorders conditioned by a complex of

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internal and external factors.

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77-002464 Chlewski, Adam ESTIMATION OF THE DEGREE OF DANGER TO THE EUROPEAN HARE CAUSED BY PESTICIDES. Ecology and management of European hare populations--Proc. Int. Symp. 23-24 Dec. 1974 (Poznan) 231-236. 1976. In English. WR 166
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77-002471 Hill, Edward P.; Lovett, Johnny W. PESTICIDE RESIDUES IN BEAVER AND RIVER OTTER FROM ALABAMA. Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm. 29: 365-369. 1976. WR 166
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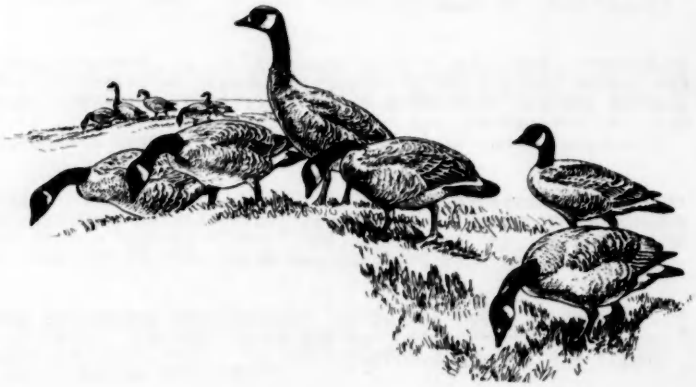

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